

Title (en)

Near infrared fluorophore for the selective labelling of membranes in cells

Title (de)

Nah-infrarot Fluorophore zur selektiven Markierung von Membranzellen

Title (fr)

Marquage selectif dans des cellules à membrane avec des fluorophore dans l'infrarouge proche

Publication

EP 1905801 A1 20080402 (EN)

Application

EP 06020334 A 20060927

Priority

EP 06020334 A 20060927

Abstract (en)

The present invention relates to anthraquinone derivatives which act as a fluorophore, to a process for producing said anthraquinone derivatives and their use as fluorophores for staining membranes in live or fixed cells.

IPC 8 full level

C09B 1/51 (2006.01); **C09B 1/514** (2006.01); **C09B 1/515** (2006.01); **G01N 1/30** (2006.01); **G01N 33/52** (2006.01)

CPC (source: EP US)

C09B 1/515 (2013.01 - EP US); **G01N 21/6428** (2013.01 - EP US); **G01N 1/30** (2013.01 - EP US)

Citation (search report)

- [X] WO 0144190 A1 20010621 - BTG INT LTD [GB], et al
- [AD] WO 9965992 A1 19991223 - UNIV WALES MEDICINE [GB], et al
- [A] EP 0098522 A2 19840118 - HITACHI LTD [JP], et al
- [A] WO 9509149 A1 19950406 - UNIV NAPIER [GB], et al

Cited by

EP2362890A4; US8999965B2; US9709557B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1905801 A1 20080402; EP 2046894 A2 20090415; US 2009291467 A1 20091126; US 8058460 B2 20111115; WO 2008037394 A2 20080403; WO 2008037394 A3 20080522

DOCDB simple family (application)

EP 06020334 A 20060927; EP 07818302 A 20070920; EP 2007008212 W 20070920; US 44287607 A 20070920